

Senate File 307 - Introduced

SENATE FILE 307
BY COMMITTEE ON NATURAL
RESOURCES AND ENVIRONMENT

(SUCCESSOR TO SF 165)

A BILL FOR

1 An Act relating to water usage and making appropriations.
2 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

1 Section 1. WATER USAGE — APPROPRIATION. There is
2 appropriated from the general fund of the state to the
3 department of natural resources for the fiscal year beginning
4 July 1, 2013, and ending June 30, 2014, the following amount,
5 or so much thereof as is necessary, to be used for the purposes
6 designated:

7 1. For measurement of water levels in the existing aquifer
8 monitoring well system to allow for creating new and updating
9 existing models utilizing groundwater level monitoring, and for
10 the analysis and dissemination of such information using an
11 internet-based system:

12 \$ 85,000

13 2. For production of enhanced mapping of groundwater
14 sources for community, agricultural, and industrial use
15 including alluvial and other sand and gravel aquifers, to
16 enable community, agricultural, and industrial water users to
17 track the status of shallow water table levels and both shallow
18 and deep groundwater aquifers, and to provide an early warning
19 system for water supply problems:

20 \$ 150,000

21 3. To provide technical assistance for drought and water
22 conservation planning for community and other water supplies:

23 \$ 250,000

24 a. The department shall obtain short-term and long-term
25 water conservation plans for the ten-year period beginning
26 July 1, 2013, from all permitted users, excluding storage
27 allocations. The department shall require regular periodic
28 updating of such plans.

29 b. For purposes of this subsection, the department
30 shall collaborate with other state agencies and appropriate
31 statewide professional organizations. Collaboration shall
32 include contracting for services with statewide professional
33 organizations if deemed appropriate by the department.

34 4. For the installation of a network of hydrologic
35 monitoring stations capable of collecting weather data,

1 multi-level soil moisture data, and shallow groundwater level
2 information:

3 \$ 475,000

4 The network shall be developed by the Iowa flood center
5 and integrated into an internet-based hydrologic information
6 system. The Iowa flood center shall select the sites and
7 deploy the instruments in coordination with Iowa state
8 university of science and technology.

9 5. For the maintenance of a network of hydrologic monitoring
10 stations and for the maintenance of an electronic system for
11 making the information from that system available in real time:

12 \$ 75,000

13 The Iowa flood center shall maintain the database and the
14 instruments.

15 EXPLANATION

16 This bill relates to water usage.

17 The bill makes appropriations from the general fund of the
18 state to the department of natural resources for FY 2013-2014
19 for the following purposes:

20 1. For measurement of water levels in the existing aquifer
21 monitoring well system.

22 2. For production of enhanced mapping of groundwater
23 sources, to enable water users to track the status of water
24 table levels, and to provide an early warning system for water
25 supply problems.

26 3. To provide technical assistance for drought and water
27 conservation planning.

28 4. For the installation of a network of hydrologic
29 monitoring stations capable of collecting weather data,
30 multi-level soil moisture data, and shallow groundwater level
31 information.

32 5. For the maintenance of a network of hydrologic monitoring
33 stations and for the maintenance of an electronic system for
34 making the information from that system available in real time.